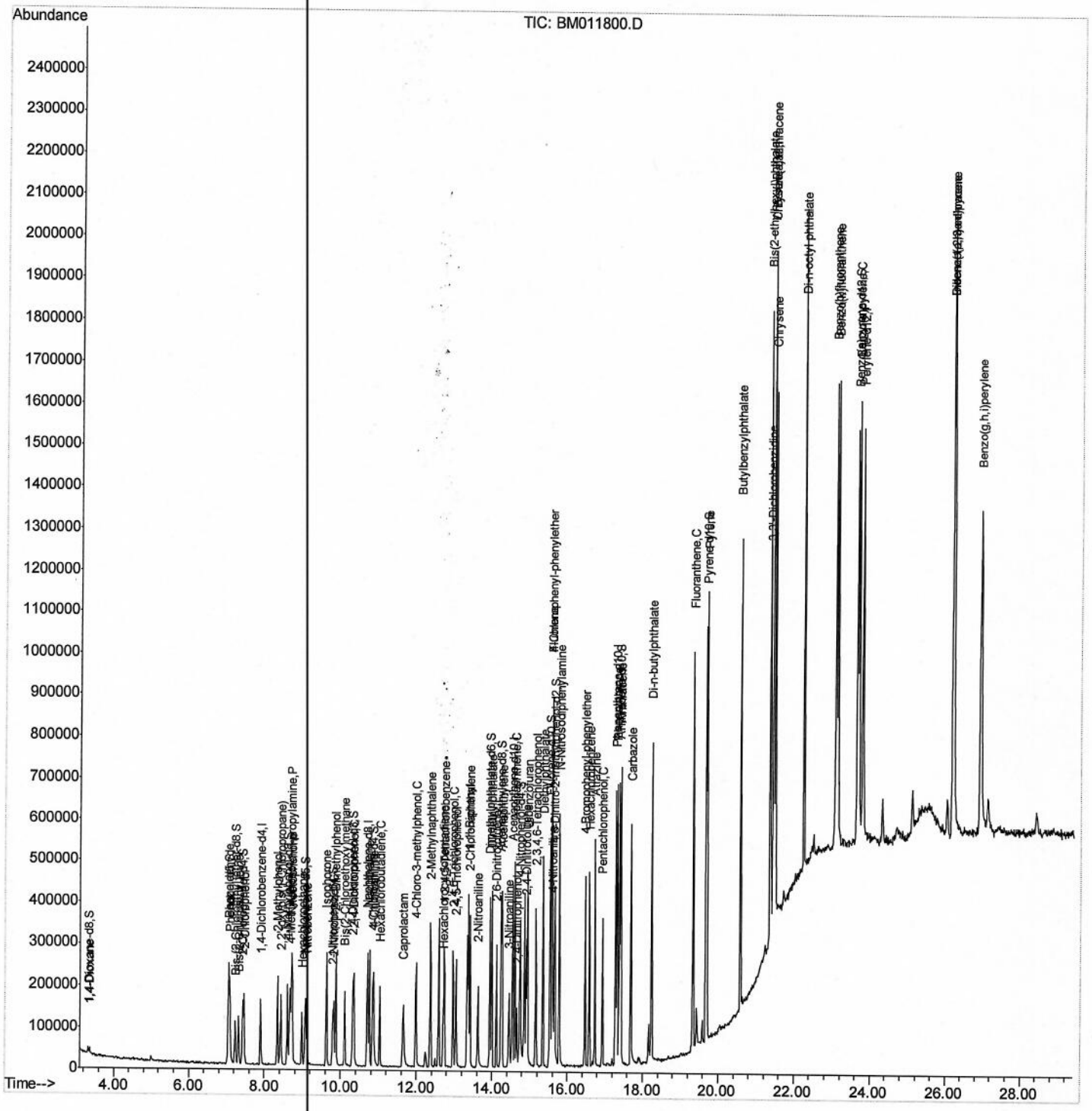
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM093017\
Data File : BM011800.D
Acq On : 30 Sep 2017 18:56
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 01 04:16:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 06:38:23 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02004

Manual Integrations APPROVED
Sohil
10/2/2017 5:47:26 PM



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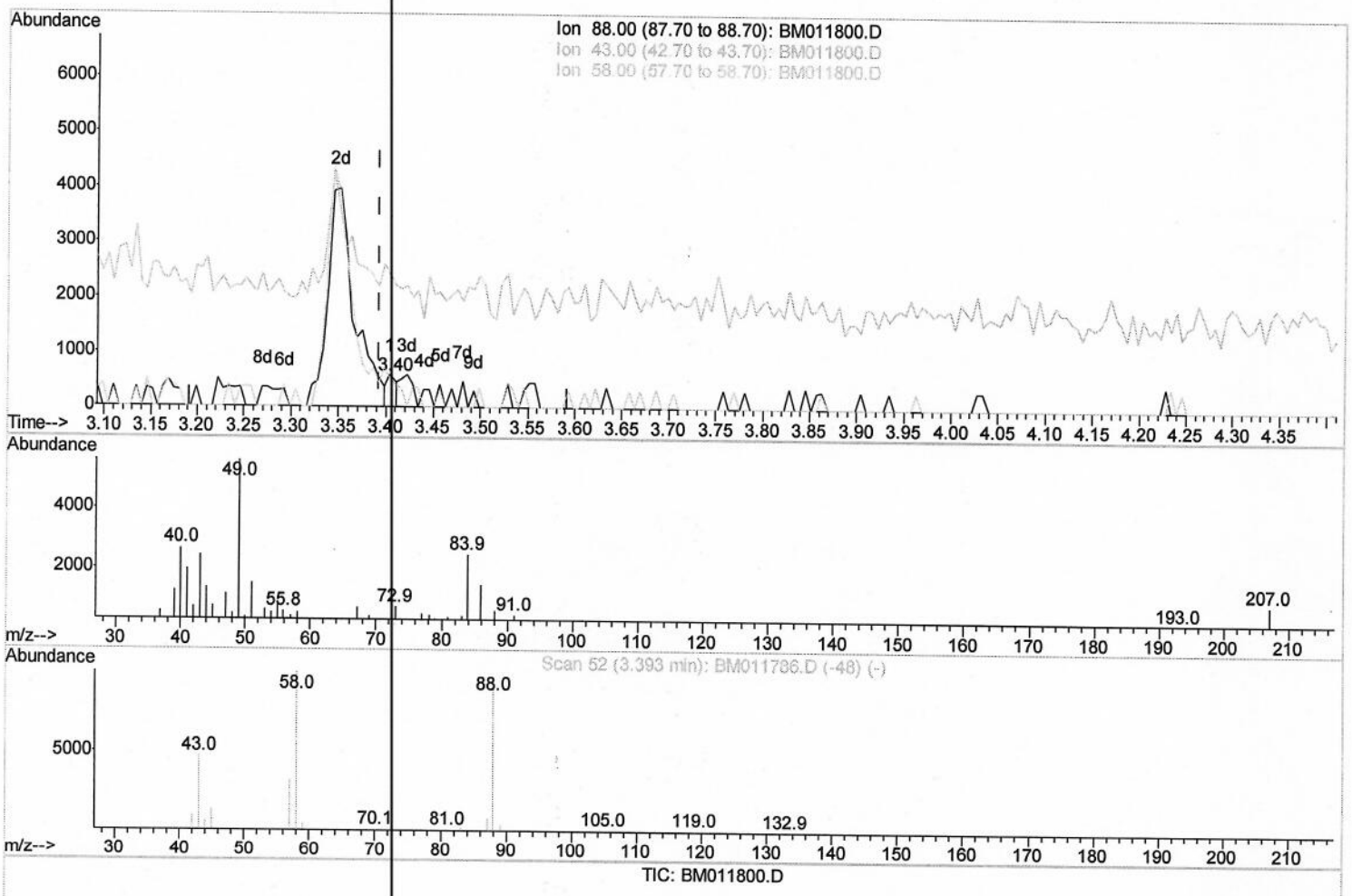

TIC: BM011800.D

(2) 1,4-Dioxane

3.405min (+0.012) 0.38ng/uL

response 368

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	124.73#
58.00	100.00	191.30#
0.00	0.00	0.00

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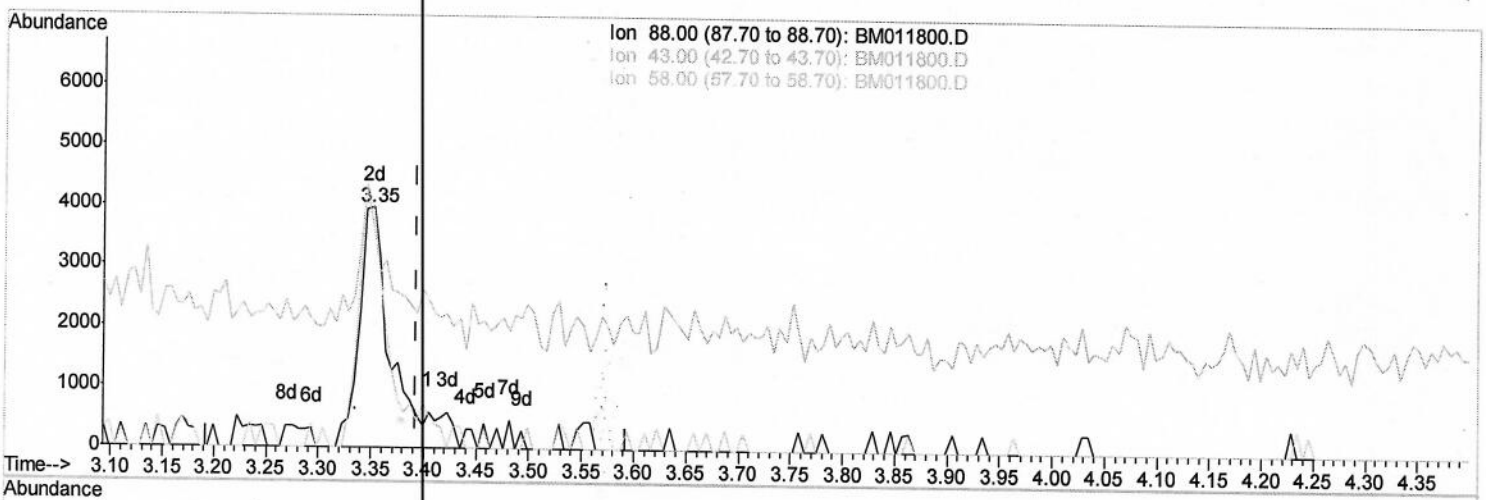

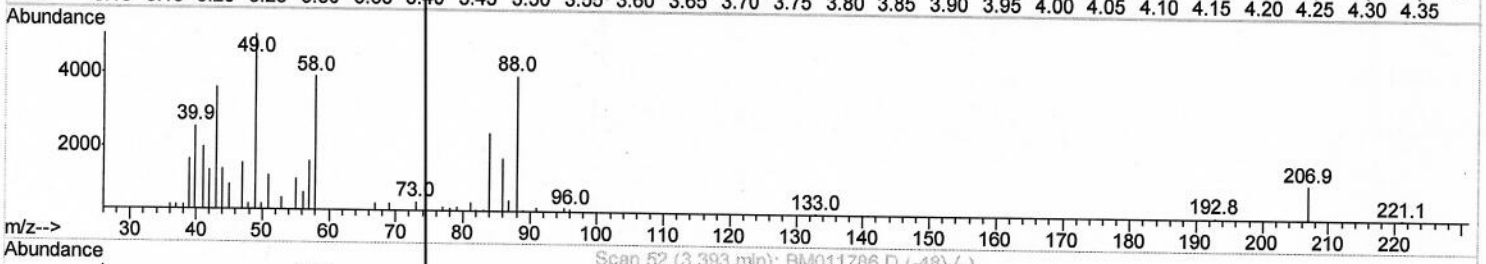

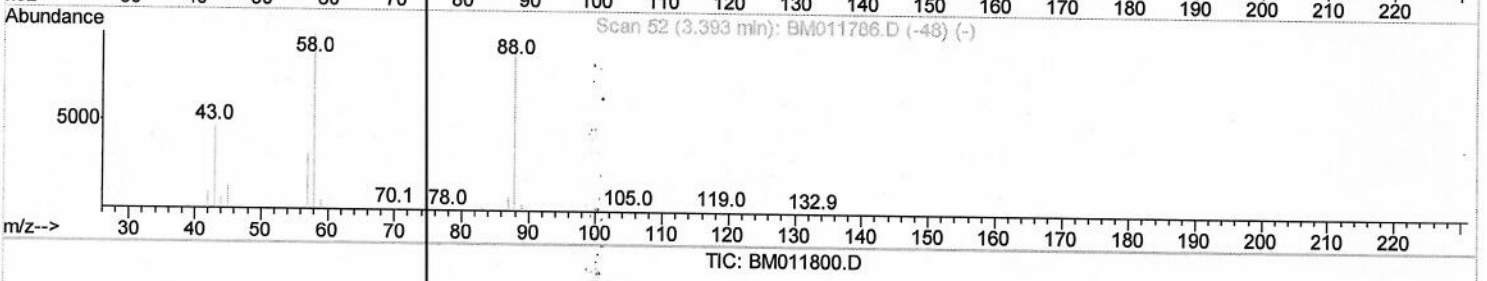

TIC: BM011800.D

(2) 1,4-Dioxane

3.352min (-0.041) 7.98ng/uL m

response 7793

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	5.89#
58.00	100.00	9.03#
0.00	0.00	0.00

J4|0|6|17

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10/2/2017 5:47:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	39097	20.00	ng/ul	-0.04
18) Naphthalene-d8	10.70	136	199313	20.00	ng/ul	-0.04
35) Acenaphthene-d10	14.54	164	135033	20.00	ng/ul	-0.04
61) Phenanthrene-d10	17.28	188	365227	20.00	ng/ul	-0.04
75) Chrysene-d12	21.45	240	581556	20.00	ng/ul	-0.03
83) Perylene-d12	23.79	264	737908	20.00	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	6579	7.50	ng/uL	-0.05
5) Phenol-d5	7.06	99	78869	20.51	ng/ul	-0.04
7) Bis-(2-Chloroethyl)ether-d	7.23	67	56280	20.18	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.43	132	57941	20.25	ng/ul	-0.04
13) 4-Methylphenol-d8	8.60	113	65663	21.80	ng/ul	-0.04
19) Nitrobenzene-d5	9.07	128	29480	18.96	ng/ul	-0.03
22) 2-Nitrophenol-d4	9.79	143	32954	19.87	ng/ul	-0.04
26) 2,4-Dichlorophenol-d3	10.32	165	63771	20.15	ng/ul	-0.04
29) 4-Chloroaniline-d4	10.85	131	85614	24.47	ng/ul	-0.03
43) Dimethylphthalate-d6	13.95	166	243409	21.02	ng/ul	-0.03
46) Acenaphthylene-d8	14.23	160	270292	19.30	ng/ul	-0.04
51) 4-Nitrophenol-d4	14.73	143	42419	21.43	ng/ul	-0.03
57) Fluorene-d10	15.53	176	207161	20.77	ng/ul	-0.03
62) 4,6-Dinitro-2-methylphenol	15.65	200	42615	17.23	ng/ul	-0.03
70) Anthracene-d10	17.38	188	356926	19.20	ng/ul	-0.03
76) Pyrene-d10	19.67	212	484431	17.45	ng/ul	-0.03
87) Benzo(a)pyrene-d12	23.64	264	705417	19.97	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	7793m	7.985	ng/uL	) J 10/6/17
4) Benzaldehyde	7.05	77	48952	25.959	ng/ul	98
6) Phenol	7.08	94	82703	21.265	ng/ul	86
8) Bis(2-Chloroethyl)ether	7.32	93	58569	19.588	ng/ul#	78
10) 2-Chlorophenol	7.46	128	59350	21.261	ng/ul#	85
11) 2-Methylphenol	8.34	108	58776	20.580	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.43	45	130209	20.332	ng/ul	97
14) Acetophenone	8.73	105	104983	21.691	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.70	70	61054	22.349	ng/ul	93
16) 4-Methylphenol	8.67	108	69602	22.170	ng/ul	96
17) Hexachloroethane	8.98	117	23150	18.807	ng/ul#	67
20) Nitrobenzene	9.10	77	83945	19.618	ng/ul	93
21) Isophorone	9.63	82	169824	21.157	ng/ul#	96
23) 2-Nitrophenol	9.82	139	32543	18.849	ng/ul#	81
24) 2,4-Dimethylphenol	9.87	107	82509	20.993	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.11	93	88307	19.001	ng/ul	96
27) 2,4-Dichlorophenol	10.35	162	61094	20.298	ng/ul#	94
28) Naphthalene	10.76	128	207292	19.898	ng/ul	100
30) 4-Chloroaniline	10.87	127	84547	24.985	ng/ul	91
31) Hexachlorobutadiene	11.03	225	37265	17.587	ng/ul	91
32) Caprolactam	11.65	113	26278	26.947	ng/ul	99
33) 4-Chloro-3-methylphenol	11.99	107	77634	22.783	ng/ul	99
34) 2-Methylnaphthalene	12.36	142	149302	20.218	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.73	216	80739	17.687	ng/ul#	96
37) Hexachlorocyclopentadiene	12.71	237	32122	10.949	ng/ul#	98
38) 2,4,6-Trichlorophenol	12.97	196	59553	20.316	ng/ul	100
39) 2,4,5-Trichlorophenol	13.05	196	62187	20.492	ng/ul	99
40) 1,1'-Biphenyl	13.37	154	200196	18.001	ng/ul#	97
41) 2-Chloronaphthalene	13.42	162	158734	18.626	ng/ul	96
42) 2-Nitroaniline	13.62	65	62064	19.804	ng/ul#	81
44) Dimethylphthalate	13.99	163	234271	21.150	ng/ul	98
45) 2,6-Dinitrotoluene	14.12	165	40608	19.907	ng/ul#	87
47) Acenaphthylene	14.26	152	270677	19.266	ng/ul	99
48) 3-Nitroaniline	14.45	138	39170	18.777	ng/ul	89
49) Acenaphthene	14.60	153	183812	19.210	ng/ul	98
50) 2,4-Dinitrophenol	14.66	184	23901	17.850	ng/ul#	70
52) 4-Nitrophenol	14.74	109	47411	24.486	ng/ul	87
53) Dibenzofuran	14.94	168	264392	20.119	ng/ul	92
54) 2,4-Dinitrotoluene	14.90	165	64620	22.201	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.16	232	64527	23.051	ng/ul#	88
56) Diethylphthalate	15.35	149	251315	21.576	ng/ul#	91
58) Fluorene	15.59	166	226799	20.381	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.57	204	111560	19.937	ng/ul	94
60) 4-Nitroaniline	15.61	138	51109	22.327	ng/ul#	87
63) 4,6-Dinitro-2-methylphenol	15.66	198	44121	17.563	ng/ul#	89
64) N-Nitrosodiphenylamine	15.79	169	191297	17.720	ng/ul	98
65) 4-Bromophenyl-phenylether	16.47	248	71617	17.828	ng/ul	94
66) Hexachlorobenzene	16.59	284	85110	19.067	ng/ul#	89
67) Atrazine	16.73	200	80451	19.221	ng/ul	98
68) Pentachlorophenol	16.93	266	57392	19.531	ng/ul	95
69) Phenanthrene	17.32	178	400856	19.610	ng/ul	98
71) Anthracene	17.42	178	407658	19.356	ng/ul	98
72) Carbazole	17.69	167	368172	19.954	ng/ul	97
73) Di-n-butylphthalate	18.23	149	495789	20.865	ng/ul	99
74) Fluoranthene	19.33	202	552801	22.150	ng/ul#	89
77) Pyrene	19.70	202	609107	17.576	ng/ul#	89
78) Butylbenzylphthalate	20.58	149	280844	19.388	ng/ul#	95
79) 3,3'-Dichlorobenzidine	21.37	252	233263	21.095	ng/ul#	98
80) Benzo(a)anthracene	21.43	228	663426	20.390	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.35	149	444670	20.566	ng/ul#	94
82) Chrysene	21.49	228	649485	21.165	ng/ul	99
84) Di-n-octyl phthalate	22.25	149	846911	14.850	ng/ul#	83
85) Benzo(b)fluoranthene	23.08	252	788660	18.114	ng/ul#	97
86) Benzo(k)fluoranthene	23.13	252	779574	17.552	ng/ul#	96
88) Benzo(a)pyrene	23.69	252	813629	19.349	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.19	276	1164924	26.608	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.20	278	974071	26.564	ng/ul#	95
91) Benzo(g,h,i)perylene	26.93	276	1036376	28.518	ng/ul#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed